

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| L1 | 15 | 382/141-152.ccls. and (electronic near board circuit) with (arrang\$4 cluster\$4 gather\$4 group\$4) near3 (hole solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 12:53 |
| L2 | 29 | 382/141-152.ccls. and (cream near2 solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 12:57 |
| L3 | 99 | (cream near solder) with (shape and (position\$4 locat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 12:57 |
| L4 | 40 | (cream near solder) with (shape and (position\$4 locat\$4)) and inspection | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 13:00 |
| L5 | 9 | 382/141-152.ccls. and (cream near solder) with (shape and (position\$4 locat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 13:00 |
| L6 | 14 | 382/141-152.ccls. and group\$4 near4 (electron) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 13:00 |
| L7 | 106 | 382/141-152.ccls. and slit near2 (light illuminat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 13:00 |
| L8 | 9 | 382/141-152.ccls. and (cream near solder) with (shape and (position\$4 locat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 13:01 |

| | | | | | | |
|-----|-----|---|--|----|----|---------------------|
| L9 | 14 | 382/141-152.ccls. and (group\$4) near2 (hole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 13:01 |
| L10 | 99 | (cream near solder) with (shape and (position\$4 locat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 13:01 |
| L11 | 0 | "382"/\$.ccls. and (print \$4 and pattern and hole and image and judgement and result and inspection and element and group\$4 and identified and classified and display and connection and frame and solder and shape).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 13:03 |
| L12 | 512 | (FUKAGAWA near TAKAHIRO OTAKE near YUJI KATSUKI near TAKASHI MURAKAMI near MINORU YAMASAKI near KIMIYUKI).inv. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 13:05 |
| L13 | 0 | (FUKAGAWA near TAKAHIRO OTAKE near YUJI KATSUKI near TAKASHI MURAKAMI near MINORU YAMASAKI near KIMIYUKI).inv. and judgement and inspection and classifying | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 13:05 |
| L14 | 0 | (FUKAGAWA near TAKAHIRO OTAKE near YUJI KATSUKI near TAKASHI MURAKAMI near MINORU YAMASAKI near KIMIYUKI).inv. and judgement and inspection and classify \$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 13:05 |

| | | | | | | |
|-----|-----|--|--|----|----|------------------|
| L15 | 0 | (FUKAGAWA near TAKAHI RO OTAKE near YUJI KATSUKI near TAKASHI MURAKAMI near MINORU YAMASAKI near KIMI YUKI).inv. and judgement and classify\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 13:05 |
| L16 | 1 | (FUKAGAWA near TAKAHI RO OTAKE near YUJI KATSUKI near TAKASHI MURAKAMI near MINORU YAMASAKI near KIMI YUKI).inv. and judgment and classify\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 13:06 |
| L17 | 0 | "382"/\$.ccls. and (print \$4 and pattern and hole and image and judgment and result and inspection and element and group\$4 and identified and classified and display and connection and frame and solder and shape).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/09/16 13:06 |
| S1 | 2 | ("5134575").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/21 14:20 |
| S2 | 2 | ("5134575").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 16:49 |
| S3 | 100 | 382/150.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 20:14 |
| S4 | 7 | 382/150.ccls. and (cream near2 solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 20:14 |

| | | | | | | |
|-----|------|---|--|----|----|---------------------|
| S5 | 7 | 382/150.ccls. and (cream near2 solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/12 17:39 |
| S6 | 21 | 382/141-152.ccls. and (cream near2 solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/12 17:39 |
| S7 | 14 | 382/141-152.ccls. and (cream near2 solder) not S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 03:59 |
| S8 | 5904 | (cream near solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/12 18:15 |
| S9 | 87 | (cream near solder) with (shape and (position\$4 locat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/12 18:16 |
| S10 | 35 | (cream near solder) with (shape and (position\$4 locat\$4)) and inspection | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/12 18:17 |
| S11 | 21 | 382/141-152.ccls. and (cream near2 solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/23 23:11 |
| S12 | 88 | (cream near solder) with (shape and (position\$4 locat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/23 23:12 |
| S13 | 4338 | 382/141-152.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 10:14 |
| S14 | 191 | 382/141-152.ccls. and group\$4 near4 (hole pattern solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 12:36 |

| | | | | | | |
|-----|-----|---|--|----|----|---------------------|
| S15 | 13 | 382/141-152.ccls. and group\$4 near4 (electron) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 12:37 |
| S16 | 8 | 382/141-152.ccls. and group\$4 near4 (electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/12 12:37 |
| S17 | 0 | "10626140".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/20 13:45 |
| S18 | 3 | "6729532".pn..pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/20 13:45 |
| S19 | 3 | "6729532".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/21 14:20 |
| S20 | 4 | ("20020180962" "5656507" "6170155" "6317513").PN. OR ("6729532").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:21 |
| S21 | 204 | 382/141-152.ccls. and group\$4 near4 (hole pattern solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/21 14:23 |
| S22 | 90 | 382/141-152.ccls. and slit near2 (light illuminat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/21 15:15 |
| S23 | 8 | 382/141-152.ccls. and group\$4 near4 (electrode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/25 14:12 |
| S24 | 4 | ("5991435" "4978224").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/25 14:15 |

| | | | | | | |
|-----|-----|--|--|----|----|---------------------|
| S25 | 392 | 382/141-152.ccls. and (select\$4 choos\$4) near3 (group\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/20 02:01 |
| S26 | 2 | "20040146195".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/20 02:01 |
| S27 | 2 | "20040146195".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/20 13:13 |
| S28 | 3 | "6729532".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/20 13:29 |
| S29 | 4 | ("5991435" "4978224"). pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/20 13:30 |
| S30 | 98 | (cream near solder) with (shape and (position\$4 locat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/20 13:34 |
| S31 | 9 | 382/141-152.ccls. and (cream near solder) with (shape and (position\$4 locat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/20 14:42 |
| S32 | 4 | ("5991435" "4978224"). pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/08 15:14 |
| S33 | 98 | (cream near solder) with (shape and (position\$4 locat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/09 01:16 |
| S34 | 9 | 382/141-152.ccls. and (cream near solder) with (shape and (position\$4 locat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/09 01:16 |

| | | | | | | |
|-----|--------|---|--|----|-----|---------------------|
| S35 | 232 | 382/141-152.ccls. and (group\$4) near4 (hole pattern solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/09 01:17 |
| S36 | 14 | 382/141-152.ccls. and (group\$4) near2 (hole) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/09 01:18 |
| S37 | 4 | ("20020180962" "5656507" "6170155" "6317513").PN. OR ("6729532").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/09 13:32 |
| S38 | 136 | 382/141-152.ccls. and group\$4 near2 (hole pattern solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/09 14:03 |
| S39 | 21 | 382/141-152.ccls. and group\$4 near2 (hole solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/09 14:03 |
| S40 | 117 | 382/141-152.ccls. and group\$4 near2 (pattern) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/09 14:16 |
| S41 | 98 | (cream near solder) with (shape and (position\$4 locat\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/09 20:52 |
| S42 | 492667 | (arrang\$4 cluster\$4 gather\$4 group\$4) near3 (hole pattern electr\$3 solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/09 21:05 |
| S43 | 676 | 382/141-152.ccls. and (arrang\$4 cluster\$4 gather\$4 group\$4) near3 (hole pattern electr\$3 solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/09 21:06 |
| S44 | 100 | 382/141-152.ccls. and (arrang\$4 cluster\$4 gather\$4 group\$4) near3 (hole solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/09 21:06 |

| | | | | | | |
|-----|------|--|--|----|----|------------------|
| S45 | 5200 | (electronic near board circuit) with (arrang\$4 cluster\$4 gather\$4 group\$4) near3 (hole solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/10 16:09 |
| S46 | 0 | 382/141-152.ccls and (electronic near board circuit) with (arrang\$4 cluster\$4 gather\$4 group\$4) near3 (hole solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/10 16:10 |
| S47 | 15 | 382/141-152.ccls. and (electronic near board circuit) with (arrang\$4 cluster\$4 gather\$4 group\$4) near3 (hole solder) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/10 16:10 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-----------------------|------------------|---------|------------------|
| L18 | 0 | "382"/\$.ccls. and (print\$4 and pattern and hole and image and judgment and result and inspection and element and group\$4 and identified and classified and display and connection and frame and solder and shape).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/09/16 13:06 |

9/ 16/ 2009 1:18:27 PM

C:\ Documents and Settings\ aliew\ My Documents\ EAST\ Workspaces\ 10626140.wsp